

Examination (RCE) accompany this Amendment. If the extension of time is missing or insufficient, the Commissioner is authorized to consider this a request for the extension of time necessary for entry of the Amendment and the RCE. A fee computation sheet and a check for payment of the fees for the RCE and the extension of time also accompany this Amendment. If the check is missing or if the amount of payment is insufficient, the Commissioner is hereby authorized to charge the fees necessary for entry of this Amendment and RCE to deposit account 08-0750. It is also requested that any overpayment be refunded to that account.

Applicant wishes to thank Examiner Irene Marx for the courtesies extended to the undersigned during the telephone interview of January 9, 2003. During that interview, Examiner Marx indicated that application was not immediately available for her review, and suggested that any proposed amendments to the claim be submitted in writing in Amendment form for consideration.

Claims 3 and 6-12 stand rejected under 35 U.S.C. 112, first paragraph. The Office has asserted that the recitation of "at least 0.05 mg/ml" is not equivalent to the amount recited in the specification.

Claim 3 has been amended to delete the phrase "at least" and to change "mg/ml" to "0.05 to 5% w/v". Support for this amendment will be found at page 8, line 26 (not counting blank lines) of the Specification. It is therefore submitted that the rejection of Claim 3 under 35 U.S.C. 112, first paragraph should be withdrawn.

Claims 6-12 are each dependent, directly or indirectly, upon Claim 3 as herein amended. When the recitations of Claims 6-12 are considered in conjunction with those of Claim 3, it is submitted that the 35 U.S.C. 112, first paragraph rejection of Claims 6-12 should also be withdrawn.

Claim 7 was rejected under 35 U.S.C. 112, second paragraph, for not including the term "and" at the end of the listings for carbohydrates and agrowastes. In addition, it was asserted that the phrase "glucose analogue" is redundant in the context of the phrase "glucose analogue D-glucosamine".

Claim 7 has been amended to recite the term "and" at the appropriate location in

the listings for carbohydrates and agrowastes. In addition, the term "glucose analogue" has been deleted.

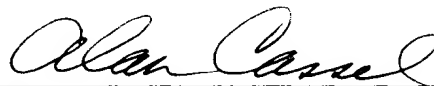
Therefore, it is requested that the rejection of Claim 7 under 35 U.S.C. 112, second paragraph, be withdrawn.

Claim 8 was not separately rejected or objected to, but the Office asserted that the intended meaning of "dexoy nojirimycin" in Claim 8 was uncertain. This term has been deleted and replaced with the correct spelling "deoxynojirimycin" deduced by the Office. Support for this amendment will be found in Table 1 at Page 9 of the specification.

It is believed that the amendments herein place the claims in a condition for allowance and such favorable response is requested. If, however, any of the claims are considered by the P.T.O. to be not in a condition for allowance, the P.T.O. is requested to contact the undersigned attorney to resolve any remaining issues.

Respectfully submitted,

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CLAIM AMENDMENTS IN MARKED UP VERSION:

Please amend Claims 3, 7, and 8 as follows, with deletions shown in [brackets] and additions shown by underlining:

3. (Twice Amended) A method for producing an enzyme preparation containing high cellobiase activity, said method comprising:

(a) inoculating a mycelial culture of a strain of *Termitomyces clypeatus* into sterilized medium containing [at least] 0.05 to [5.0 mg/ml] 5% w/v of a glycosylation inhibitor at pH between 3 to 8;

(b) incubating at temperatures between 20-37°C under shaking in aerobic conditions; and

(c) separating the culture medium from the mycelia to produce the enzyme preparation containing high cellobiase activity.

7. (Twice Amended) The method of claim 6 wherein the assimilable carbon sources used are carbohydrates, agrowastes, TCA cycle acids, amino acids, or [glucose analogue] D-glucosamine wherein the carbohydrates are selected from the group consisting of cellobiose, mannose, fructose, xylose, arabinose, starch, dextrin, cellulose, cotton, and xylan; wherein the agrowastes are selected from the group consisting of baggasse powder, rice-straw powder, wheat bran, corn cob powder, and corn powder; wherein the TCA cycle acids are selected from the group consisting of succinate, fumarate, and maleate; and wherein the amino acids are selected from the group consisting of aspartate, glutamate, serine, histidine, and alanine.

8. (Twice Amended) The method of claim 3 wherein the glycosylation inhibitor is selected from the group consisting of tunicamycin, [dexoy nojirimycin] deoxynojirimycin, 2-deoxy-D-glucose and D-glucono-lactone.